

|                         |   |
|-------------------------|---|
| 1. Record Nr.           | UNINA9910153304403321   |
| Autore                  | Kumar Raj   |
| Titolo                  | Protein Toxins in Modeling Biochemistry // by Raj Kumar, Bal Ram Singh  |
| Pubbl/distr/stampa      | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016   |
| ISBN                    | 3-319-43540-X   |
| Edizione                | [1st ed. 2016.]   |
| Descrizione fisica      | 1 online resource (XIX, 145 p. 249 illus., 205 illus. in color.)  |
| Collana                 | SpringerBriefs in Biochemistry and Molecular Biology, , 2211-9353   |
| Disciplina              | 574.192   |
| Soggetti                | Proteins<br>Proteomics<br>Microbiology<br>Protein Science<br>Protein Structure<br>Protein-Ligand Interactions<br>Applied Microbiology   |
| Lingua di pubblicazione | Inglese   |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
| Nota di bibliografia    | Includes bibliographical references at the end of each chapters and index.  |
| Nota di contenuto       | Protein folding -- Molten Globule -- Uniqueness of toxin structure and function -- Molten globule conformational implication on toxicity.   |
| Sommario/riassunto      | This succinct volume addresses the production of inactive, potentially toxic proteins in the absence of correct protein folding and the resultant neurodegenerative diseases. Other topics include intrinsic disorder in protein structure and function and the effects of molten globules on protein toxicity. This concise and yet thorough text also discusses using toxin structure as a model for studying structural and functional aspects of protein chemistry. Protein Toxins in Modeling Biochemistry, a SpringerBrief, is essential reading for advanced researchers, scientists and advanced graduate students interested in protein chemistry and related areas of biochemistry and molecular science. . |